Amendments to the Claims:

Claim 22 is hereby amended. Claims 3, 6-14, 16, and 18-19 are cancelled. Claims 20, 21, 23 and 24 are withdrawn awaiting rejoinder, assuming that same subject matter recited in claims 1, 2, 4, 5, and 15 is found allowable.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) Bacterial artificial chromosome vector characterized in that it comprises essentially the entire genome of an EHV strain.

2. (Original) The artificial chromosome vector according to claim 1, characterized in that the EHV is EHV-1.

3. (Cancelled)

4. (Original) The artificial chromosome vector according to claim 1, characterized in that the EHV strain is RacH.

5. (Original) The artificial chromosome vector according to claim 4, chraterized in that it is the vector with the accession No. ECACC 01032704.

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Original) The artificial chromosome vector according to claim 1, characterized in that the EHV strain is lacking the glycoprotein gM.

16. (Cancelled)

17. (Original) A polynucleotide encoding an artificial chromosome vector, which vector is characterized in that it comprises essentially the entire genome of an EHV strain, or EHV contained in the vector.

18. (Cancelled)

19. (Cancelled)

20. (Withdrawn) A method for generating EHV which comprises infecting a suitable cell line with the artificial chromosome vector according to claim 1, allowing the vector to replicate and shed virus, collecting the shed virus and purifying the collected virus.

21. (Withdrawn) A method for generating an attenuated EHV which comprises modifying by molecular biology techniques the EHV sequence contained in an artificial chromosome vector according to claim 1.

22. (Currently Amended) The method according to claim [22] 1 wherein a foreign sequence of another viral, bacterial or parasitic pathogen is added to the artificial chromosome vector.

23. (Withdrawn) A method for generating a virulent EHV which comprises modifying by molecular biology techniques the EHV sequence contained in an artificial chromosome vector according to claim 1.

24. (Withdrawn) The method according to claim 23 wherein a foreign sequence of another viral, bacterial or parasitic pathogen is added to the artificial chromosome vector.